BOSCH

Invented for life

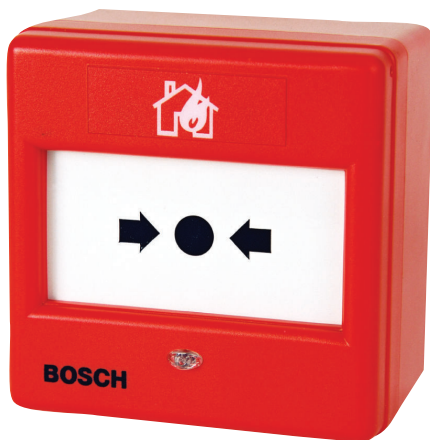# SM 120 RW Single Action Call Points

▸ **Alarm triggering by breaking of the glass pane**

▸ **Protection against injury with foil-labeled pane**

▸ **Indicator LED for triggered alarm or for inspection evaluation**

Single Action Call Points SM 120 RW are used to manually trigger alarm in conventional technology. The design enables deployment in the European area (not Germany!).

System Overview

Pos.	Description
1	Detectors for indoor areas (IP 54)
A	For installation on a flush-mounted back box, with masking frame
B	Surface-mounted housing

Functions

After the glass pane (1) is broken, the alarm is triggered by the button of the microswitch (2) jumping forward and the indicator LED (3) blinks.

The microswitch (2) can be reset by inserting a new glass pane (1). The indicator LED (3) goes out.

This does not reset the alarm on the fire panel.
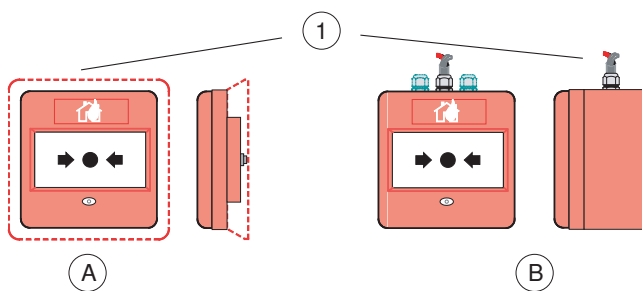
Detector test (test alarm)

During the detector test, the detector key is shoved from below into the notch (4). Thus the holding pin (5) of the pane is unlocked, the pane slides downwards and the microswitch (2) triggers.

Variants

Two installation variants are available:

- SM 120 RW, for surface mounting in indoor areas,
- SM 120 RW, for flush mounting in indoor areas,

The detectors are available in the colors red and blue.

Certifications and Approvals

Region	Certification	
Russia	GOST	POCC DE.C313.B06297

Installation/Configuration Notes

- Manual call points have to be mounted so that they are easily visible along escape and rescue routes (e. g. exits, passageways, stairwells) and easily accessible.

- An installation height of 1400 mm ±200 mm, measured from the middle of the manual call point to the floor, must be maintained.
- Manual call points must be lit sufficiently with daylight or another light source (including emergency lighting, if present).
- Additional norms, guidelines and planning recommendations with respect to installation location, etc. must be taken into account.
- Regulations of local fire departments must be observed.

Parts Included

Type of device	Qty.	Components
SM 120 RW, Red, for Surface Mounting in Indoor Areas	1 1 1	Single Action Call Point, housing color red Surface-mounted housing, color red Key for type RW Single Action Call Points
SM 120 RW, Blue, for Surface Mounting in Indoor Areas	1 1 1	Single Action Call Point, housing color blue Surface-mounted housing, color blue Key for type RW Single Action Call Points
SM 120 RW, Red, for Flush Mounting in Indoor Areas	1 1 1	Single Action Call Point, housing color red Masking frame, color red Key for type RW Single Action Call Points
SM 120 RW, Blue, for Flush Mounting in Indoor Areas	1 1 1	Single Action Call Point, housing color blue Masking frame, color blue Key for type RW Single Action Call Points

Technical Specifications

Electrical

Operating voltage	19 V DC . . . 30 V DC
Current consumption	Specified by the respective security system

Mechanics

Dimensions (H x W x D)	
• Indoor area surface mounting	87 x 87 x 53 mm
• Indoor area flush mounting	107 x 107 x 20 (36) mm
Housing material	Plastic, ABS
Colors	Red, RAL 3001 Blue, RAL 5005
Weight	Approx. 400 g

Environmental conditions

Protection class as per EN 60529	IP 54
Permissible operating temperature	-25 °C . . . +65 °C

Ordering Information

SM 120 RW, Red, for Surface Mounting in Indoor Areas with surface-mounted housing	**SM120-S-red**
SM 120 RW, Red, for Flush Mounting in Indoor Areas with masking frame for larger wall cuts	**SM120-R-red**
SM 120 RW, Blue, for Flush Mounting in Indoor Areas with masking frame for larger wall cuts	**SM120-R-blue**

Accessories

Spare Glass Panes for Single Action Call Points SM 210 LSN RW/ SM 120 RW, PU = 10 units	**SM210-SPARE-GLASS**